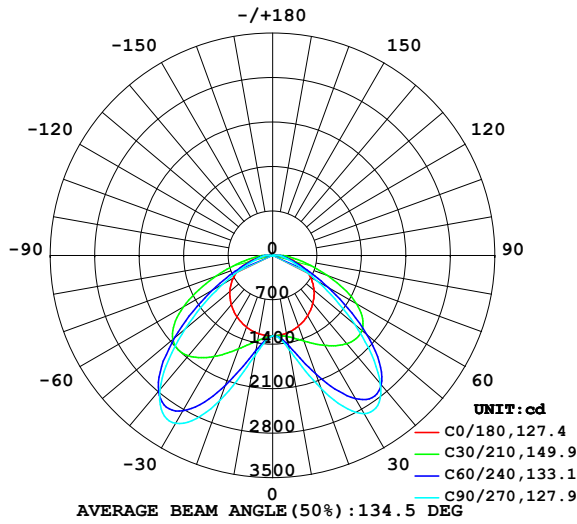


LUMINAIRE PHOTOMETRIC TEST REPORT

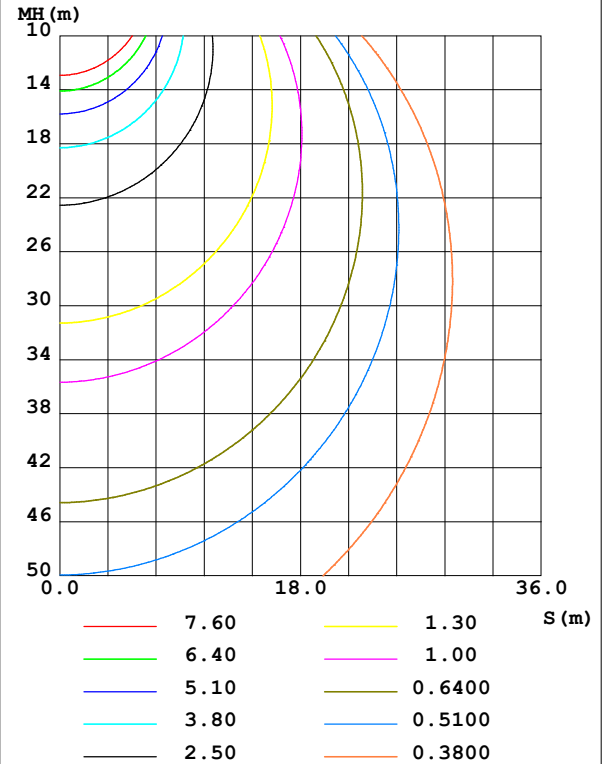
Test:U:230.32V I:0.2749A P:60.281W PF:0.9522 Freq:50.01Hz Lamp Flux:7219x1 lm		
NAME: TRIADA	TYPE: LED	WEIGHT: 2KG
SPEC.: 60W	DIM.: 585X35mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 119.76 lm/W
MODEL	TRIADA 60W	Imax (cd)	3071	S/MH (C0/180)	1.32	
NOMINAL POWER(W)	60	LOR (%)	100.0	S/MH (C90/270)	1.90	
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	7219.0	η UP,DN (C0-180)	0.4,47.7	
NOMINAL FLUX(lm)	7219	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.4,51.5	
LAMPS INSIDE	1	η up (%)	0.8	CIBSE SHR NOM	1.00	
TEST VOLTAGE(V)	220	η down (%)	99.2	CIBSE SHR MAX	1.00	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3;æ
Operators: LITPA
Test Date: 04/09/2025

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity: 55.0%
Test Distance: 7.000m [K=1.0000]
Remarks: TRIADA 60W

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1246	1362	1504	1341	1254	1445	1591	1435	0- 10	127.2	127.2	1.76,1.76
20	1187	1704	2225	1636	1204	1884	2424	1824	10- 20	449.0	576.3	7.98,7.98
30	1099	2162	2874	2049	1122	2421	3053	2306	20- 30	913.6	1490	20.6,20.6
40	987.0	2436	2640	2338	1013	2640	2759	2551	30- 40	1367	2857	39.6,39.6
50	852.7	2125	1684	2118	881.2	2211	1797	2233	40- 50	1512	4369	60.5,60.5
60	690.0	1315	813.8	1363	719.3	1363	911.3	1453	50- 60	1266	5635	78.1,78.1
70	484.3	630.8	374.1	657.1	510.2	656.5	421.8	727.5	60- 70	845.4	6480	89.8,89.8
80	221.6	280.1	188.4	285.9	239.3	287.9	204.6	320.6	70- 80	470.7	6951	96.3,96.3
90	4.505	120.8	92.68	111.9	5.182	124.3	103.7	142.2	80- 90	209.2	7160	99.2,99.2
100	2.024	2.464	1.787	2.375	1.954	2.303	6.916	2.585	90-100	34.62	7195	99.7,99.7
110	2.588	3.613	2.801	3.472	2.678	3.437	2.832	3.545	100-110	2.782	7198	99.7,99.7
120	3.429	5.002	4.449	5.007	3.349	4.564	4.300	4.784	110-120	3.677	7201	99.8,99.8
130	3.924	5.824	5.881	5.961	4.028	5.514	5.881	5.394	120-130	4.311	7206	99.8,99.8
140	4.399	6.019	7.189	6.761	4.535	6.032	6.809	5.433	130-140	4.342	7210	99.9,99.9
150	4.861	6.079	7.499	6.740	4.915	6.174	6.599	5.575	140-150	3.763	7214	99.9,99.9
160	5.219	6.316	6.987	6.544	5.309	6.291	6.844	5.935	150-160	2.826	7217	100,100
170	5.709	6.263	6.620	6.455	5.728	6.206	6.403	6.170	160-170	1.751	7218	100,100
180	5.777	6.082	6.260	6.102	5.752	6.086	6.235	6.070	170-180	0.5869	7219	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 3622.5 lm

%lum = 50.2%

%lamp = 50.2%

Conical surface Flux(120deg): 5635 lm

%lum = 78.1%

%lamp = 78.1%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3;æ
 Operators:LITPA
 Test Date:04/09/2025

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
 Humidity:55.0%
 Test Distance:7.000m [K=1.0000]
 Remarks: TRIADA 60W

LUMINANCE LIMITATION CURVES

Test:U:230.32V I:0.2749A P:60.281W PF:0.9522 Freq:50.01Hz

Lamp Flux:7219x1 lm

NAME: TRIADA

TYPE: LED

WEIGHT: 2KG

SPEC.: 60W

DIM.: 585X35mm

SERIAL No.:

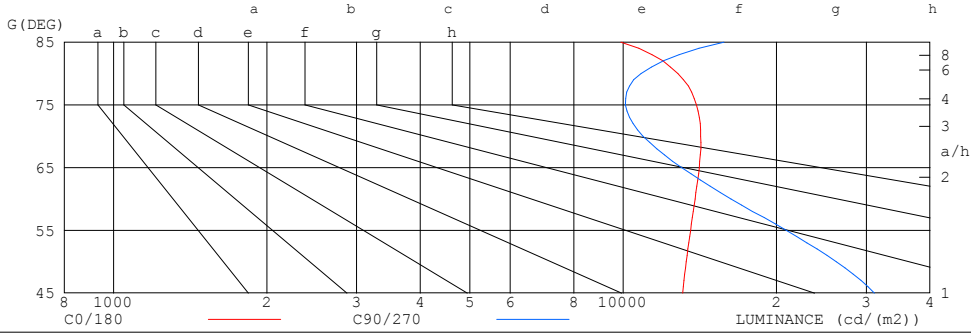
MFR.: LITPA AYDINLATMA

SUR.:

Shielding Angle:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/(m2)

G (DEG)	C0/180	C90/270
85	9898	15782
80	12800	10849
75	13922	10109
70	14201	10939
65	14106	13036
60	13840	16276
55	13562	20919
50	13303	26205
45	13087	31139

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3;æ
Operators:LITPA
Test Date:04/09/2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:7.000m [K=1.0000]
Remarks: TRIADA 60W

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.32V I:0.2749A P:60.281W PF:0.9522 Freq:50.01Hz

Lamp Flux:7219x1 lm

NAME: TRIADA

TYPE: LED

WEIGHT: 2KG

SPEC.: 60W

DIM.: 585X35mm

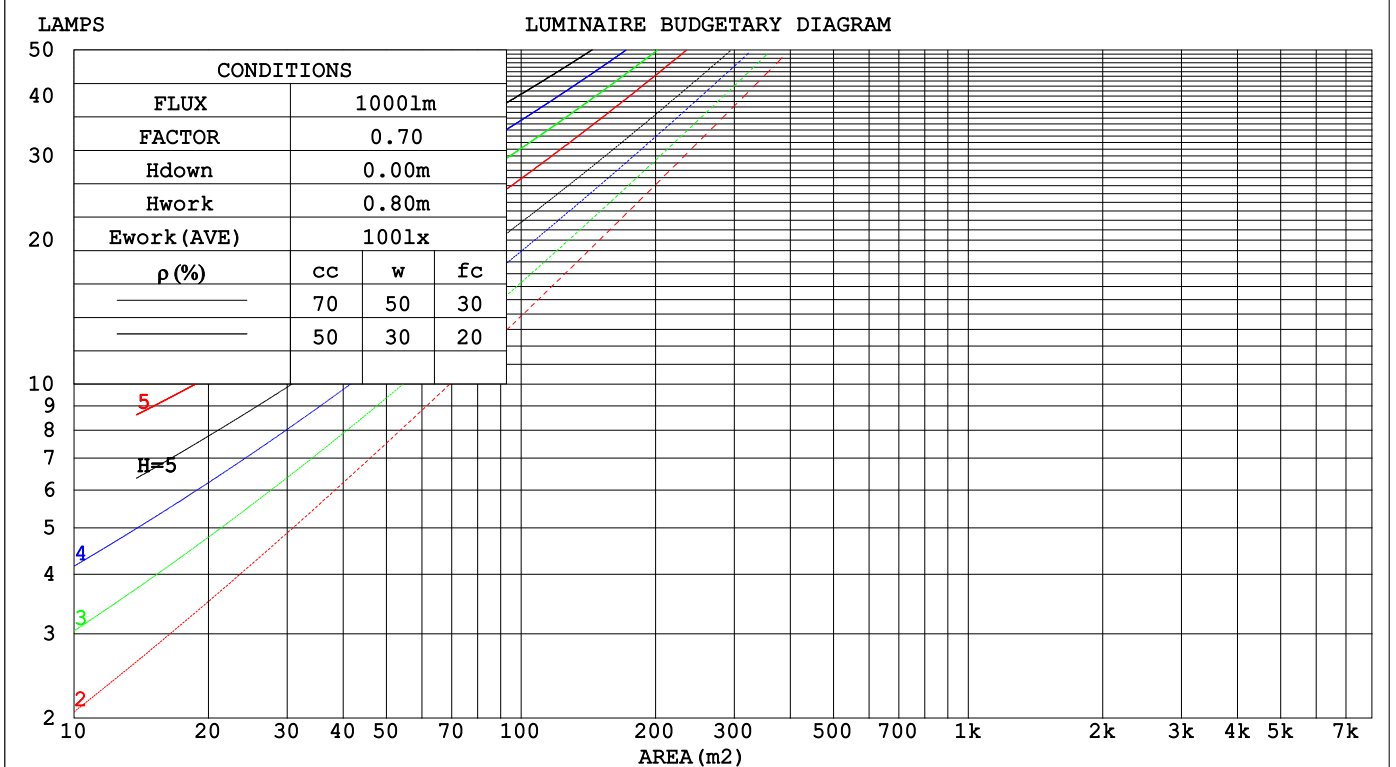
SERIAL No.:

MFR.: LITPA AYDINLATMA

SUR.:

Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.03	.98	.94	1.01	.96	.93	.96	.93	.90	.92	.89	.87	.88	.86	.84	.82
2.0	.89	.82	.76	.87	.81	.75	.83	.78	.73	.80	.75	.71	.77	.73	.70	.67
3.0	.78	.69	.62	.76	.68	.62	.73	.66	.61	.70	.64	.59	.67	.62	.58	.56
4.0	.68	.59	.52	.67	.58	.52	.64	.57	.51	.62	.55	.50	.59	.54	.49	.47
5.0	.60	.51	.44	.59	.50	.44	.57	.49	.43	.55	.48	.43	.53	.47	.42	.40
6.0	.54	.45	.38	.53	.44	.38	.51	.43	.37	.49	.42	.37	.47	.41	.36	.34
7.0	.48	.39	.33	.48	.39	.33	.46	.38	.32	.44	.37	.32	.43	.37	.32	.30
8.0	.44	.35	.29	.43	.35	.29	.42	.34	.28	.40	.33	.28	.39	.33	.28	.26
9.0	.40	.31	.26	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.23
10.0	.36	.28	.23	.36	.28	.23	.35	.28	.23	.34	.27	.22	.33	.27	.22	.20



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3;æ
 Operators:LITPA
 Test Date:04/09/2025

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
 Humidity:55.0%
 Test Distance:7.000m [K=1.0000]
 Remarks: TRIADA 60W

WEC AND CCEC

Test:U:230.32V I:0.2749A P:60.281W PF:0.9522 Freq:50.01Hz Lamp Flux:7219x1 lm					
NAME: TRIADA			TYPE: LED		WEIGHT: 2KG
SPEC.: 60W			DIM.: 585X35mm		SERIAL No.:
MFR.: LITPA AYDINLATMA			SUR.:		Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.324	.185	.058	.317	.181	.057	.303	.174	.056	.291	.168	.054	.279	.162	.052	
2.0	.302	.166	.051	.296	.163	.050	.284	.158	.049	.272	.153	.048	.262	.148	.047	
3.0	.279	.149	.045	.274	.147	.044	.263	.142	.043	.253	.138	.042	.243	.135	.042	
4.0	.258	.134	.039	.253	.132	.039	.243	.129	.038	.234	.126	.038	.226	.123	.037	
5.0	.238	.121	.035	.234	.120	.035	.225	.117	.035	.217	.115	.034	.210	.112	.034	
6.0	.221	.111	.032	.217	.110	.032	.209	.107	.031	.202	.105	.031	.195	.103	.031	
7.0	.206	.102	.029	.202	.101	.029	.195	.099	.028	.189	.097	.028	.183	.095	.028	
8.0	.192	.094	.026	.189	.093	.026	.183	.091	.026	.177	.090	.026	.171	.088	.026	
9.0	.180	.087	.024	.177	.086	.024	.172	.085	.024	.166	.083	.024	.161	.082	.024	
10.0	.169	.081	.023	.167	.080	.022	.162	.079	.022	.157	.078	.022	.152	.077	.022	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.197	.197	.197	.168	.168	.168	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.188	.162	.139	.160	.139	.120	.110	.096	.083	.063	.055	.048	.020	.018	.016	
2.0	.180	.138	.103	.154	.119	.089	.106	.082	.062	.061	.048	.036	.020	.015	.012	
3.0	.173	.121	.079	.148	.104	.069	.102	.072	.048	.059	.042	.028	.019	.014	.009	
4.0	.165	.108	.063	.142	.093	.055	.098	.065	.039	.056	.038	.023	.018	.012	.008	
5.0	.158	.097	.052	.136	.084	.046	.094	.059	.032	.054	.035	.019	.017	.011	.006	
6.0	.151	.089	.044	.130	.077	.039	.090	.054	.027	.052	.032	.016	.017	.010	.005	
7.0	.144	.082	.039	.124	.071	.034	.086	.050	.024	.050	.029	.014	.016	.010	.005	
8.0	.138	.077	.034	.119	.066	.030	.082	.047	.021	.048	.027	.013	.015	.009	.004	
9.0	.132	.072	.031	.114	.062	.027	.079	.044	.019	.046	.026	.011	.015	.008	.004	
10.0	.126	.067	.028	.109	.059	.025	.076	.041	.018	.044	.024	.010	.014	.008	.003	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3;æ
Operators:LITPA
Test Date:04/09/2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:7.000m [K=1.0000]
Remarks: TRIADA 60W

UGR(Unified Glare Rating) Table

Test:U:230.32V I:0.2749A P:60.281W PF:0.9522 Freq:50.01Hz Lamp Flux:7219x1 lm										
NAME: TRIADA					TYPE: LED			WEIGHT: 2KG		
SPEC.: 60W					DIM.: 585X35mm			SERIAL No.:		
MFR.: LITPA AYDINLATMA					SUR.:			Shielding Angle:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	16.8	18.4	17.1	18.6	18.9	17.1	18.7	17.4	18.9	19.1
3H	18.3	19.7	18.6	20.0	20.2	17.5	19.0	17.9	19.2	19.5
4H	18.9	20.3	19.2	20.5	20.8	17.7	19.1	18.0	19.4	19.6
6H	19.3	20.6	19.7	20.9	21.2	17.9	19.2	18.2	19.5	19.8
8H	19.4	20.7	19.8	21.0	21.3	18.0	19.3	18.4	19.6	19.9
12H	19.5	20.7	19.9	21.0	21.4	18.1	19.3	18.5	19.7	20.0
4H 2H	17.7	19.0	18.0	19.3	19.6	17.7	19.1	18.1	19.4	19.7
3H	19.4	20.6	19.8	21.0	21.3	18.3	19.5	18.7	19.9	20.2
4H	20.3	21.4	20.6	21.7	22.0	18.6	19.7	19.0	20.0	20.4
6H	20.9	21.9	21.3	22.3	22.7	18.9	19.9	19.3	20.2	20.6
8H	21.2	22.1	21.6	22.5	22.9	19.1	20.0	19.5	20.3	20.8
12H	21.3	22.2	21.8	22.6	23.0	19.3	20.1	19.7	20.5	20.9
8H 4H	20.4	21.4	20.9	21.7	22.1	19.0	19.9	19.4	20.3	20.7
6H	21.4	22.1	21.8	22.6	23.0	19.4	20.2	19.9	20.6	21.0
8H	21.8	22.5	22.3	22.9	23.4	19.7	20.4	20.2	20.8	21.3
12H	22.2	22.8	22.7	23.2	23.7	20.0	20.6	20.5	21.0	21.5
12H 4H	20.4	21.3	20.9	21.7	22.1	19.1	19.9	19.5	20.3	20.7
6H	21.4	22.1	21.9	22.5	23.0	19.6	20.3	20.1	20.7	21.2
8H	21.9	22.5	22.4	23.0	23.5	19.9	20.5	20.4	20.9	21.4
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.4 / - 0.4				
1.5H	+ 0.8 / - 0.8					+ 0.3 / - 0.4				
2.0H	+ 1.1 / - 1.5					+ 0.7 / - 1.0				

CIE Pub.117, 7219 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 6.9$)
Area: 0.1 m²

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3;æ
Operators:LITPA
Test Date:04/09/2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:7.000m [K=1.0000]
Remarks: TRIADA 60W

UTILIZATION FACTORS TABLE

Test:U:230.32V I:0.2749A P:60.281W PF:0.9522 Freq:50.01Hz Lamp Flux:7219x1 lm		
NAME: TRIADA	TYPE: LED	WEIGHT: 2KG
SPEC.: 60W	DIM.: 585X35mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

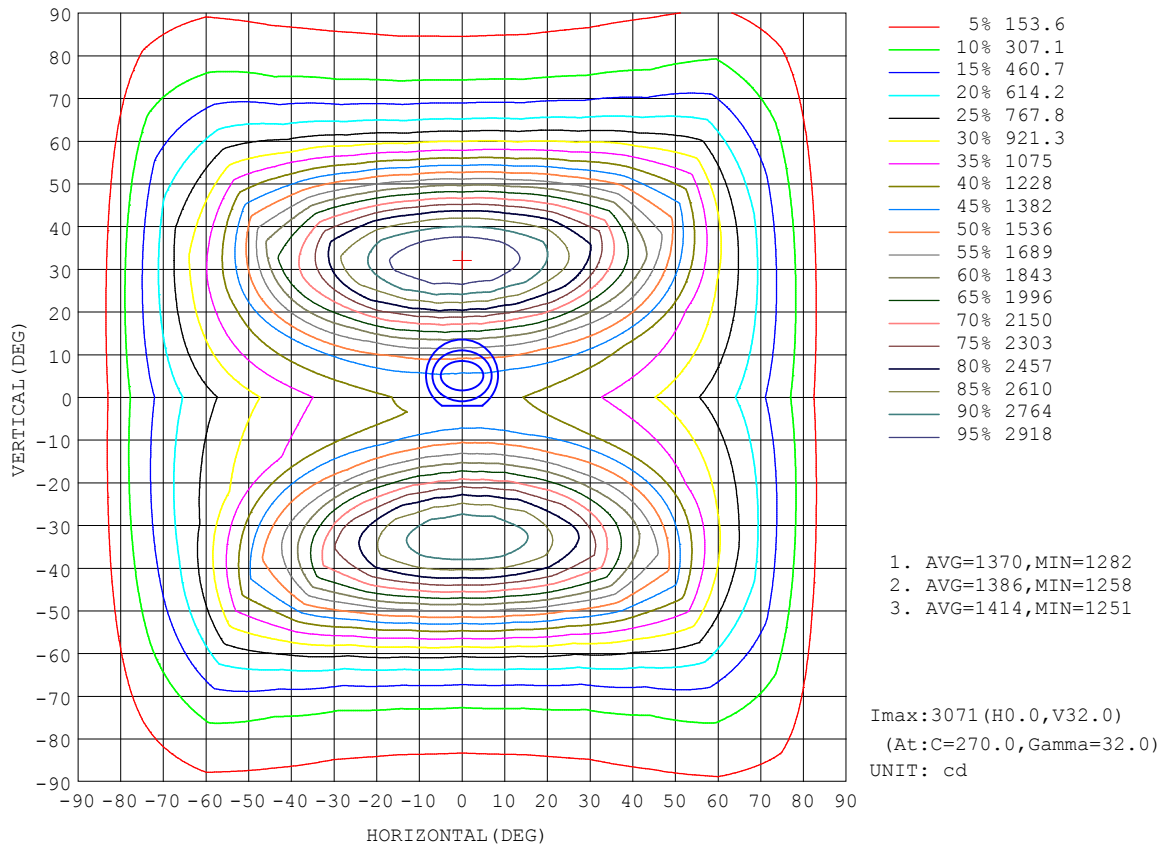
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	54	42	35	53	42	34	52	41	34	28
0.80	65	52	45	64	52	45	62	51	44	37
1.00	74	62	54	72	61	54	70	63	54	46
1.25	81	70	63	80	69	62	77	68	62	54
1.50	86	76	69	85	75	68	82	73	67	59
2.00	94	85	78	92	83	77	88	81	76	67
2.50	98	89	83	95	88	82	92	85	80	72
3.00	101	94	88	99	92	87	95	89	85	76
4.00	105	99	94	103	97	93	98	94	90	81
5.00	108	102	98	105	100	96	100	97	93	84
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3;æ
 Operators: LITPA
 Test Date: 04/09/2025

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.459
 Humidity: 55.0%
 Test Distance: 7.000m [K=1.0000]
 Remarks: TRIADA 60W

ISOCANDELA DIAGRAM

Test:U:230.32V I:0.2749A P:60.281W PF:0.9522 Freq:50.01Hz Lamp Flux:7219x1 lm		
NAME: TRIADA	TYPE: LED	WEIGHT: 2KG
SPEC.: 60W	DIM.: 585X35mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

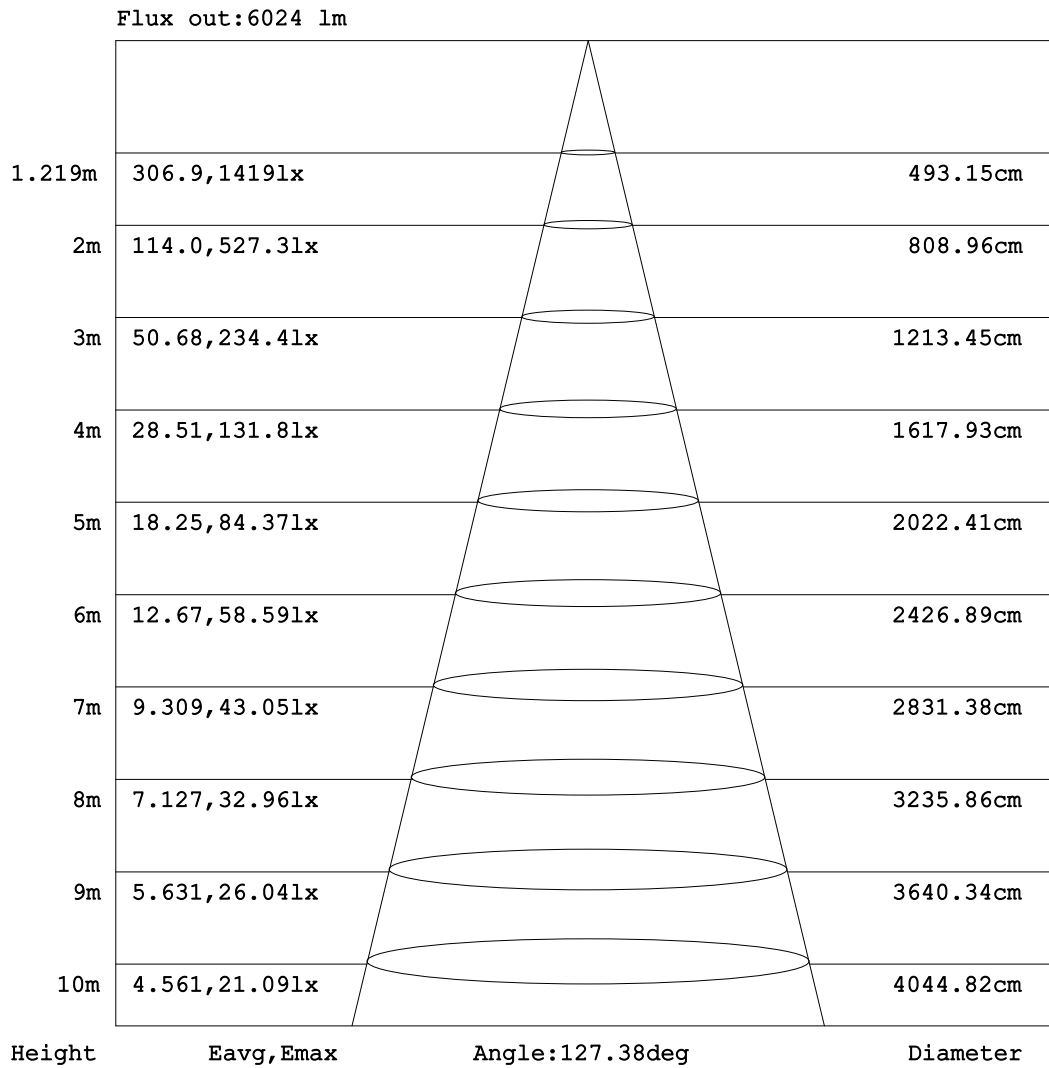


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3;æ
Operators:LITPA
Test Date:04/09/2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:7.000m [K=1.0000]
Remarks: TRIADA 60W

AAI Figure

Test:U:230.32V I:0.2749A P:60.281W PF:0.9522 Freq:50.01Hz Lamp Flux:7219x1 lm		
NAME: TRIADA	TYPE: LED	WEIGHT: 2KG
SPEC.: 60W	DIM.: 585X35mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



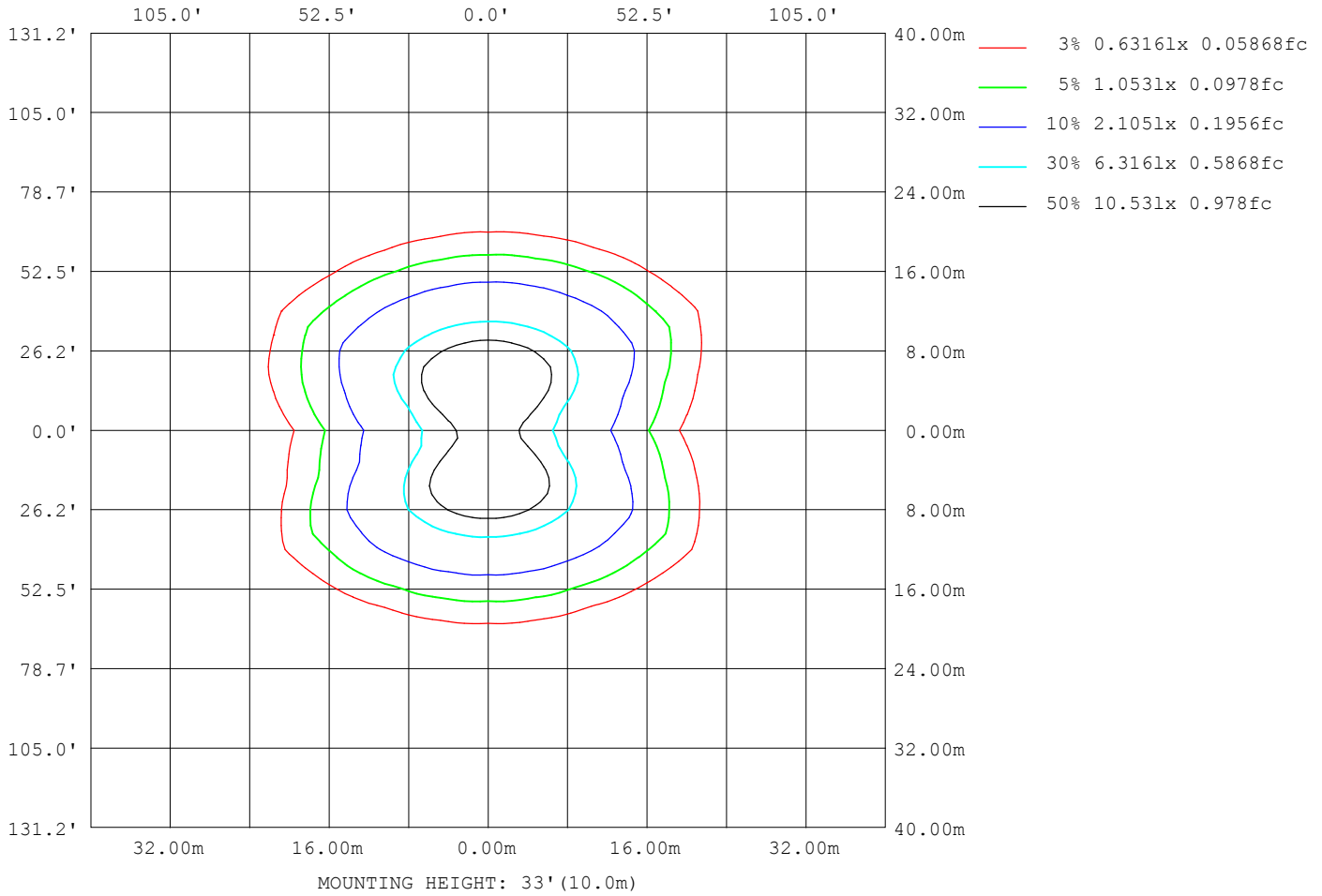
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3;æ
Operators:LITPA
Test Date:04/09/2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:7.000m [K=1.0000]
Remarks: TRIADA 60W

ISOLUX DIAGRAM

Test:U:230.32V I:0.2749A P:60.281W PF:0.9522 Freq:50.01Hz Lamp Flux:7219x1 lm		
NAME: TRIADA	TYPE: LED	WEIGHT: 2KG
SPEC.: 60W	DIM.: 585X35mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3;æ
Operators:LITPA
Test Date:04/09/2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:7.000m [K=1.0000]
Remarks: TRIADA 60W

LED Avg.L Report

Test:U:230.32V I:0.2749A P:60.281W PF:0.9522 Freq:50.01Hz Lamp Flux:7219x1 lm		
NAME: TRIADA	TYPE: LED	WEIGHT: 2KG
SPEC.: 60W	DIM.: 585X35mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

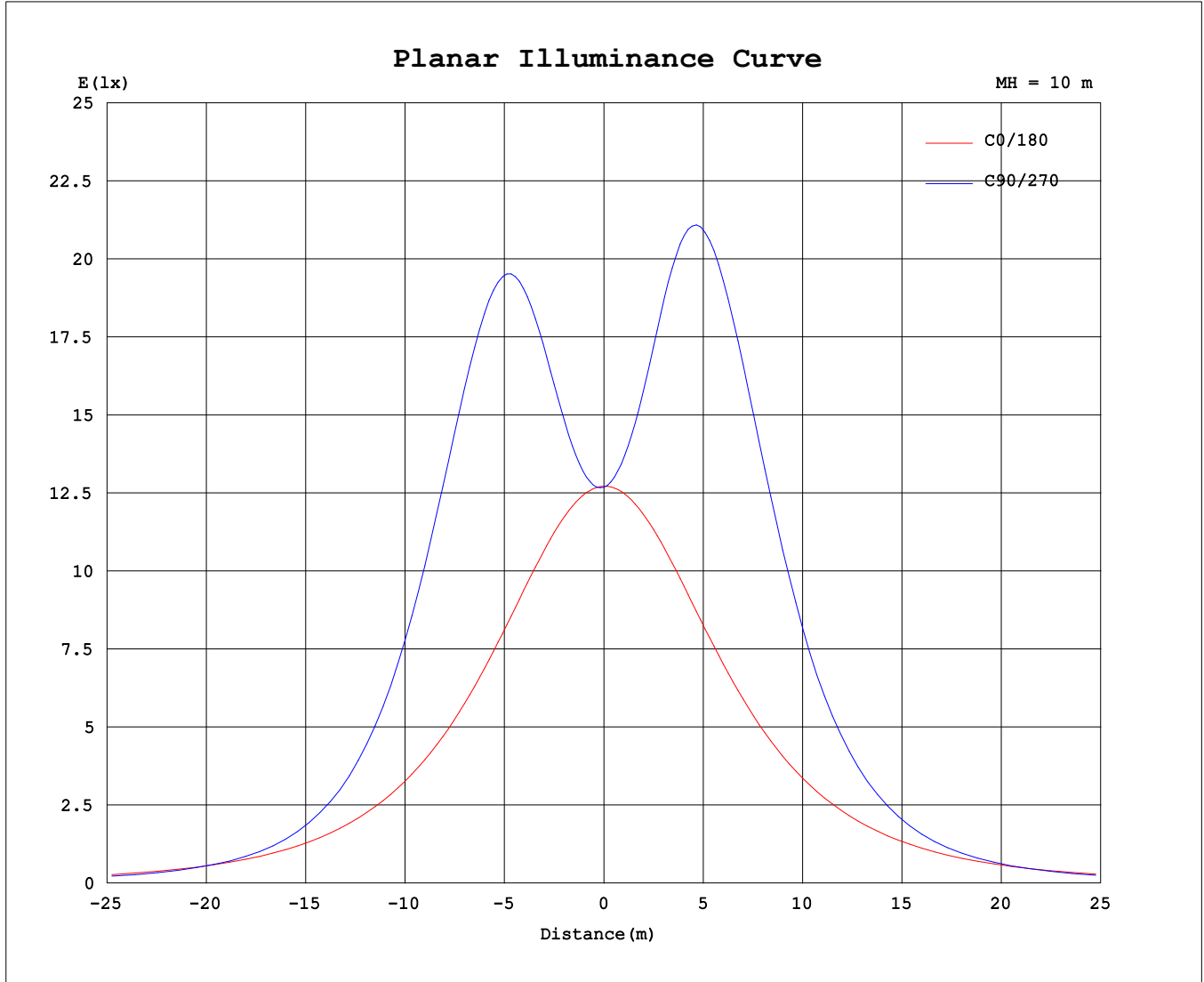
AvgL	cd/m2
L_0~180 (65) av	14397
L_0~180 (75) av	14316
L_0~180 (85) av	10501
L_90~270 (65) av	13864
L_90~270 (75) av	10679
L_90~270 (85) av	16384
L_45 (65) av	23178
L_45 (75) av	17200
L_45 (85) av	22858

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3;æ
Operators:LITPA
Test Date:04/09/2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:7.000m [K=1.0000]
Remarks: TRIADA 60W

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3;æ
Operators: LITPA
Test Date: 04/09/2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity: 55.0%
Test Distance: 7.000m [K=1.0000]
Remarks: TRIADA 60W

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.32V I:0.2749A P:60.281W PF:0.9522 Freq:50.01Hz Lamp Flux:7219x1 lm																		
NAME: TRIADA									TYPE: LED					WEIGHT: 2KG				
SPEC.: 60W									DIM.: 585X35mm					SERIAL No.:				
MFR.: LITPA AYDINLATMA									SUR.:					Shielding Angle:				

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269	1269
5	1262	1260	1268	1283	1301	1310	1317	1307	1295	1276	1262	1257	1266	1280	1299	1323	1341	1357	1359
10	1246	1253	1298	1362	1436	1480	1504	1471	1419	1341	1279	1244	1254	1293	1360	1445	1519	1578	1591
15	1221	1247	1353	1506	1672	1777	1822	1759	1636	1464	1317	1229	1233	1308	1450	1634	1804	1937	1966
20	1187	1243	1434	1704	1982	2157	2225	2128	1928	1636	1374	1212	1204	1323	1563	1884	2173	2377	2424
25	1146	1237	1532	1933	2318	2542	2622	2510	2249	1840	1446	1193	1166	1336	1696	2164	2548	2778	2833
30	1099	1230	1636	2162	2600	2813	2874	2786	2532	2049	1525	1171	1122	1346	1837	2421	2824	3011	3053
35	1046	1219	1735	2350	2734	2863	2884	2852	2686	2232	1600	1145	1071	1349	1966	2600	2916	3005	3024
40	987	1201	1815	2436	2660	2667	2640	2671	2644	2338	1663	1113	1013	1344	2064	2640	2794	2765	2759
45	923	1174	1856	2373	2373	2248	2202	2263	2388	2300	1697	1074	951	1329	2103	2509	2476	2348	2313
50	853	1135	1836	2125	1937	1748	1684	1766	1969	2118	1685	1025	881	1296	2053	2211	2013	1842	1797
55	776	1077	1730	1753	1449	1261	1200	1276	1483	1785	1608	963	805	1239	1893	1804	1529	1354	1310
60	690	996	1525	1315	1017	864	814	875	1045	1363	1452	882	719	1151	1623	1363	1093	936	911
65	594	891	1232	929	688	585	551	591	706	967	1212	782	622	1028	1283	964	751	638	621
70	484	757	907	631	460	396	374	399	471	657	918	658	510	866	939	657	505	432	422
75	359	596	622	421	314	275	262	276	319	435	639	511	382	669	645	438	341	297	291
80	222	416	405	280	219	195	188	196	221	286	412	346	239	457	415	288	235	208	205
85	86.0	247	260	193	159	143	138	143	159	195	259	189	97.0	241	250	193	167	151	148
90	4.51	103	138	121	102	97.1	92.7	95.7	97.3	112	123	59.2	5.18	98.4	142	124	114	105	104
95	1.63	1.94	4.01	20.6	26.3	29.3	29.5	27.1	22.4	13.1	2.19	1.88	1.70	1.96	12.0	27.3	35.8	37.6	40.6
100	2.02	2.26	2.51	2.46	2.05	1.81	1.79	1.89	2.07	2.38	2.48	2.22	1.95	2.19	2.47	2.30	2.15	4.63	6.92
105	2.25	2.62	2.99	2.99	2.56	2.26	2.20	2.33	2.56	2.87	2.91	2.52	2.28	2.62	2.99	2.80	2.54	2.31	2.26
110	2.59	2.86	3.50	3.61	3.22	2.86	2.80	2.93	3.18	3.47	3.41	2.97	2.68	3.01	3.45	3.44	3.13	2.90	2.83
115	2.97	3.20	4.08	4.32	3.97	3.66	3.58	3.69	3.98	4.26	3.89	3.42	3.06	3.32	3.88	4.10	3.85	3.61	3.54
120	3.43	3.61	4.53	5.00	4.68	4.44	4.45	4.61	4.89	5.01	4.28	3.77	3.35	3.69	4.27	4.56	4.51	4.36	4.30
125	3.64	3.92	4.85	5.55	5.44	5.18	5.19	5.46	5.69	5.51	4.72	4.17	3.70	4.10	4.72	4.97	5.10	5.10	5.07
130	3.92	4.20	5.06	5.82	5.97	6.03	5.88	6.02	6.15	5.96	5.05	4.55	4.03	4.43	4.97	5.51	5.71	5.81	5.88
135	4.17	4.46	5.39	5.95	6.40	6.77	6.64	6.45	6.53	6.46	5.39	4.83	4.29	4.61	5.16	5.85	6.21	6.34	6.49
140	4.40	4.67	5.34	6.02	6.55	7.16	7.19	7.07	6.91	6.76	5.69	5.04	4.54	4.93	5.39	6.03	6.48	6.68	6.81
145	4.70	4.92	5.38	6.08	6.53	7.29	7.46	7.31	7.11	6.71	5.80	5.34	4.80	5.02	5.72	6.08	6.45	6.83	6.75
150	4.86	5.09	5.50	6.08	6.54	7.19	7.50	7.40	7.14	6.74	5.97	5.35	4.91	5.28	5.80	6.17	6.52	6.65	6.60
155	5.02	5.23	5.60	6.12	6.60	6.89	7.43	7.41	7.14	6.73	6.04	5.51	5.12	5.36	5.88	6.25	6.55	6.64	6.62
160	5.22	5.42	5.78	6.32	6.60	6.74	6.99	7.02	7.02	6.54	6.12	5.65	5.31	5.50	5.94	6.29	6.55	6.67	6.84
165	5.54	5.76	6.00	6.29	6.57	6.62	6.82	6.89	6.81	6.50	6.15	5.79	5.51	5.66	5.97	6.27	6.45	6.55	6.44
170	5.71	5.83	6.20	6.26	6.47	6.52	6.62	6.62	6.73	6.45	6.16	5.99	5.73	5.76	5.99	6.21	6.33	6.39	6.40
175	5.83	5.84	6.13	6.20	6.30	6.32	6.42	6.39	6.42	6.36	6.11	5.89	5.75	5.81	5.97	6.13	6.21	6.26	6.26
180	5.78	5.83	5.98	6.08	6.17	6.18	6.26	6.20	6.16	6.10	5.98	5.87	5.75	5.82	5.96	6.09	6.15	6.20	6.24

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3;ø
Operators:LITPA
Test Date:04/09/2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:7.000m [K=1.0000]
Remarks: TRIADA 60W

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.32V I:0.2749A P:60.281W PF:0.9522 Freq:50.01Hz Lamp Flux:7219x1 lm		
NAME: TRIADA	TYPE: LED	WEIGHT: 2KG
SPEC.: 60W	DIM.: 585X35mm	SERIAL No.:
MFR.: LITPA AYDINLATMA	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	1269	1269	1269	1269	1269														
5	1356	1339	1322	1299	1278														
10	1572	1509	1435	1351	1285														
15	1919	1776	1605	1424	1289														
20	2349	2122	1824	1514	1289														
25	2743	2479	2071	1615	1284														
30	2983	2754	2306	1719	1274														
35	2993	2870	2483	1815	1257														
40	2774	2784	2551	1889	1231														
45	2372	2503	2471	1923	1196														
50	1875	2067	2233	1896	1148														
55	1388	1595	1871	1788	1084														
60	966	1156	1453	1592	999														
65	659	801	1059	1318	891														
70	447	541	727	1007	756														
75	306	365	487	715	596														
80	214	249	321	472	415														
85	155	177	216	296	237														
90	107	124	142	171	94.3														
95	38.7	40.4	32.3	17.1	2.14														
100	4.55	2.33	2.58	2.49	2.32														
105	2.34	2.66	2.96	3.01	2.49														
110	2.96	3.31	3.54	3.29	2.64														
115	3.65	4.10	4.27	3.64	3.06														
120	4.41	4.82	4.78	4.05	3.37														
125	5.29	5.51	5.15	4.41	3.64														
130	5.96	5.90	5.39	4.57	3.96														
135	6.39	5.96	5.44	4.81	4.18														
140	6.56	6.06	5.43	4.97	4.39														
145	6.38	6.11	5.53	5.22	4.84														
150	6.37	6.13	5.58	5.16	4.82														
155	6.39	6.18	5.64	5.32	5.00														
160	6.42	6.19	5.93	5.45	5.22														
165	6.32	6.16	5.99	5.78	5.56														
170	6.20	6.15	6.17	5.87	5.71														
175	6.12	6.14	6.13	5.94	5.85														
180	6.16	6.16	6.07	5.98	5.85														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3;æ
Operators:LITPA
Test Date:04/09/2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.459
Humidity:55.0%
Test Distance:7.000m [K=1.0000]
Remarks: TRIADA 60W